

# COVID-19 Cases Among Children and Youth in Washington

Washington State Department of Health

November 16, 2022

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November 16, 2022

**NOTE:** Due to a data reporting issue encountered by one of Washington's hospital organizations, case, hospitalization and death are incomplete in some counties starting **October 3**. This affects up to 100 COVID cases per day and associated hospitalizations and deaths for this report. The issue is likely to last for the next several weeks. We will update this data note as additional information is available. As a reminder, all data in this report should be interpreted with caution.

The purpose of this report is to provide information on COVID-19 in all children and youth, ages 0 to 19 years, in Washington state. Children and youth across Washington continue to be affected by the COVID-19 pandemic. While schools are taking precautions to prevent the spread of the virus, understanding the burden of the disease among all children and youth can help communities, educational service districts (ESD), school districts, and schools better prepare and respond to shifting needs. This report describes cases among all children and youth in Washington and are broken down by ESD regions, and age. An ESD is a regional education unit that is made up of multiple school districts. State level hospitalization and death data are also provided.

**Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn.**

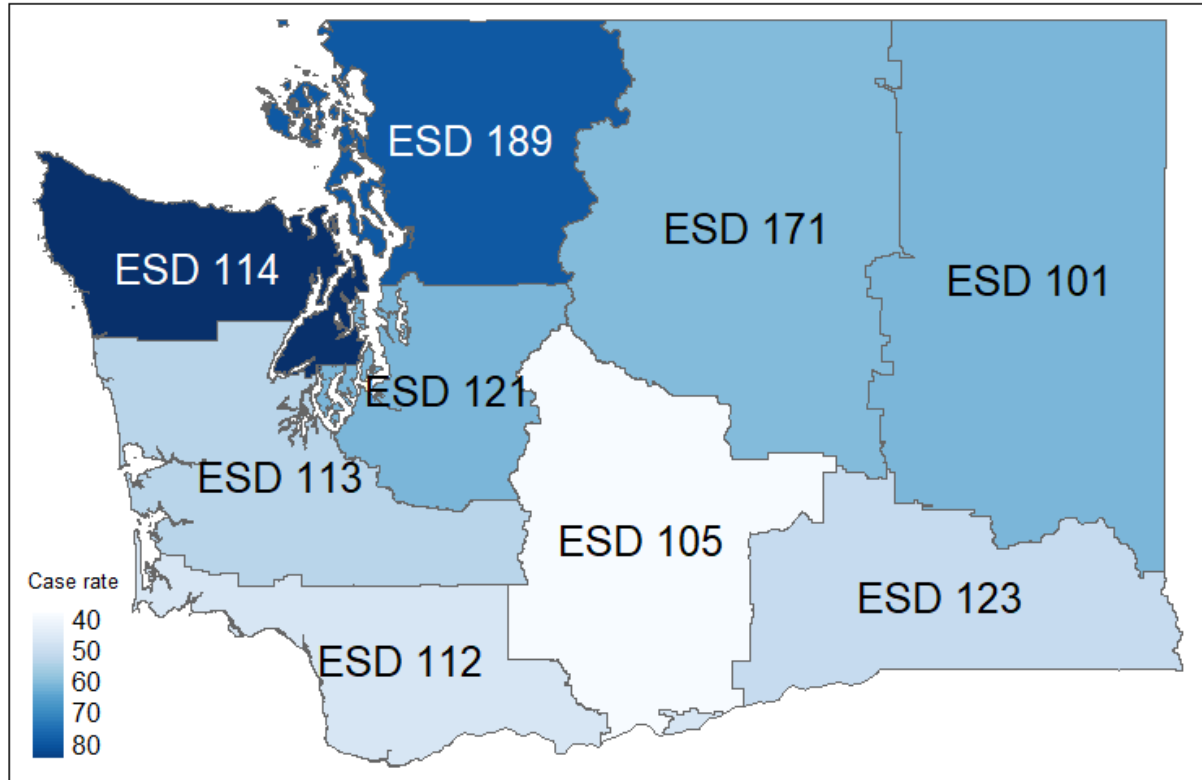
## Key findings

- Among children and youth in Washington state from October 22, 2022 to November 05, 2022:
  - there were 1,164 cases (61.7 cases per 100,000 population)
  - case rates are increasing
  - the highest case rates were in ESD 114 Washington
  - 0-3 year-olds had the highest case rates (101.4 cases per 100,000 population)
  - there were 30 hospitalizations (1.6 hospitalizations per 100,000 population)
  - hospitalization rates are increasing
- There have been a total of 23 deaths in all children and youth in Washington state reported January 1, 2021 to Nov 05, 2022

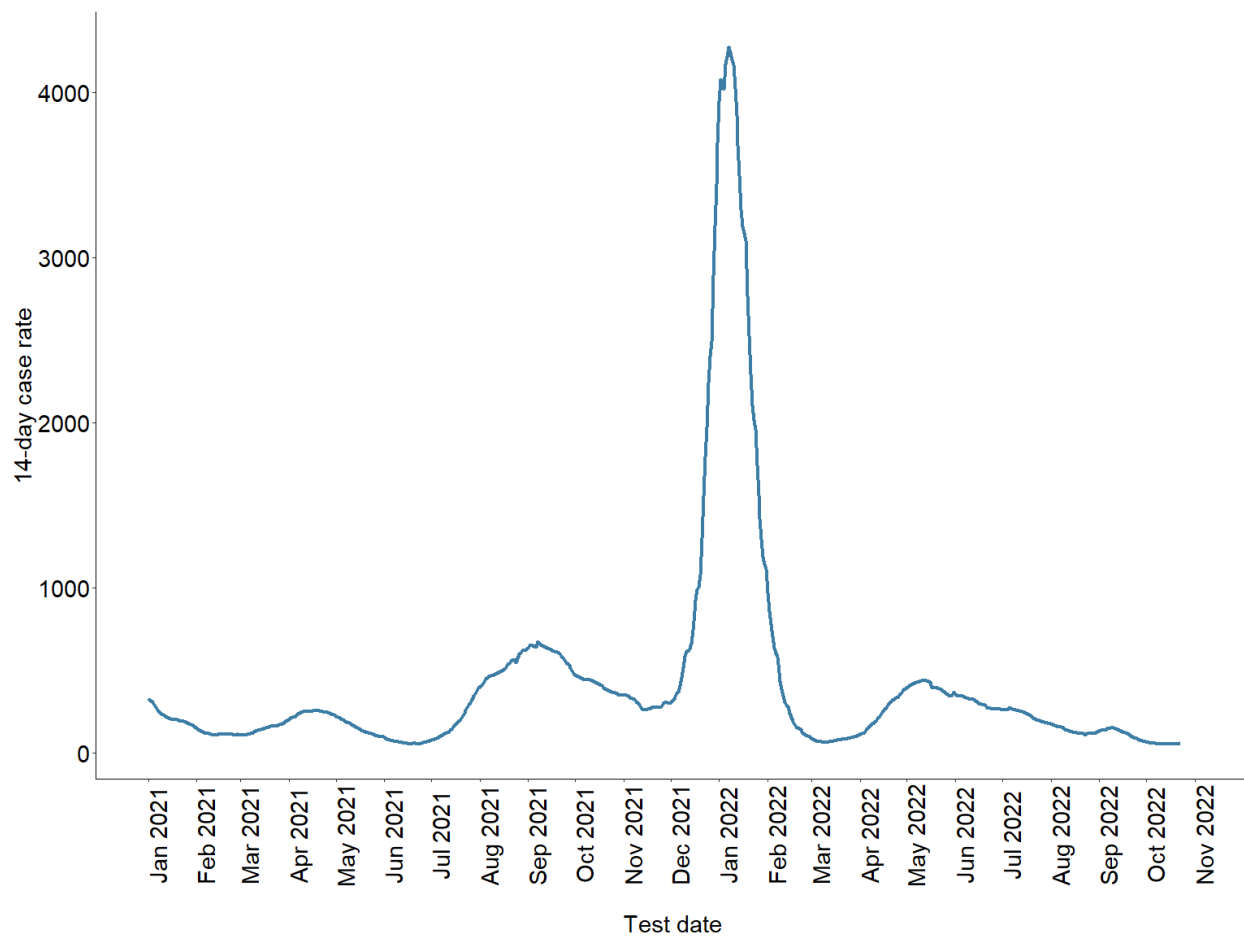
**Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region, October 22, 2022 - November 05, 2022**

ESD	Population	Case count	Case rate
ESD 101	168,583	104	61.7
ESD 105	105,235	41	39.0
ESD 112	162,085	76	46.9
ESD 113	119,629	64	53.5
ESD 114	78,966	69	87.4
ESD 121	769,804	475	61.7
ESD 123	120,595	62	51.4
ESD 171	67,904	41	60.4
ESD 189	292,760	232	79.2
<b>State total</b>	<b>1,885,561</b>	<b>1,164</b>	<b>61.7</b>

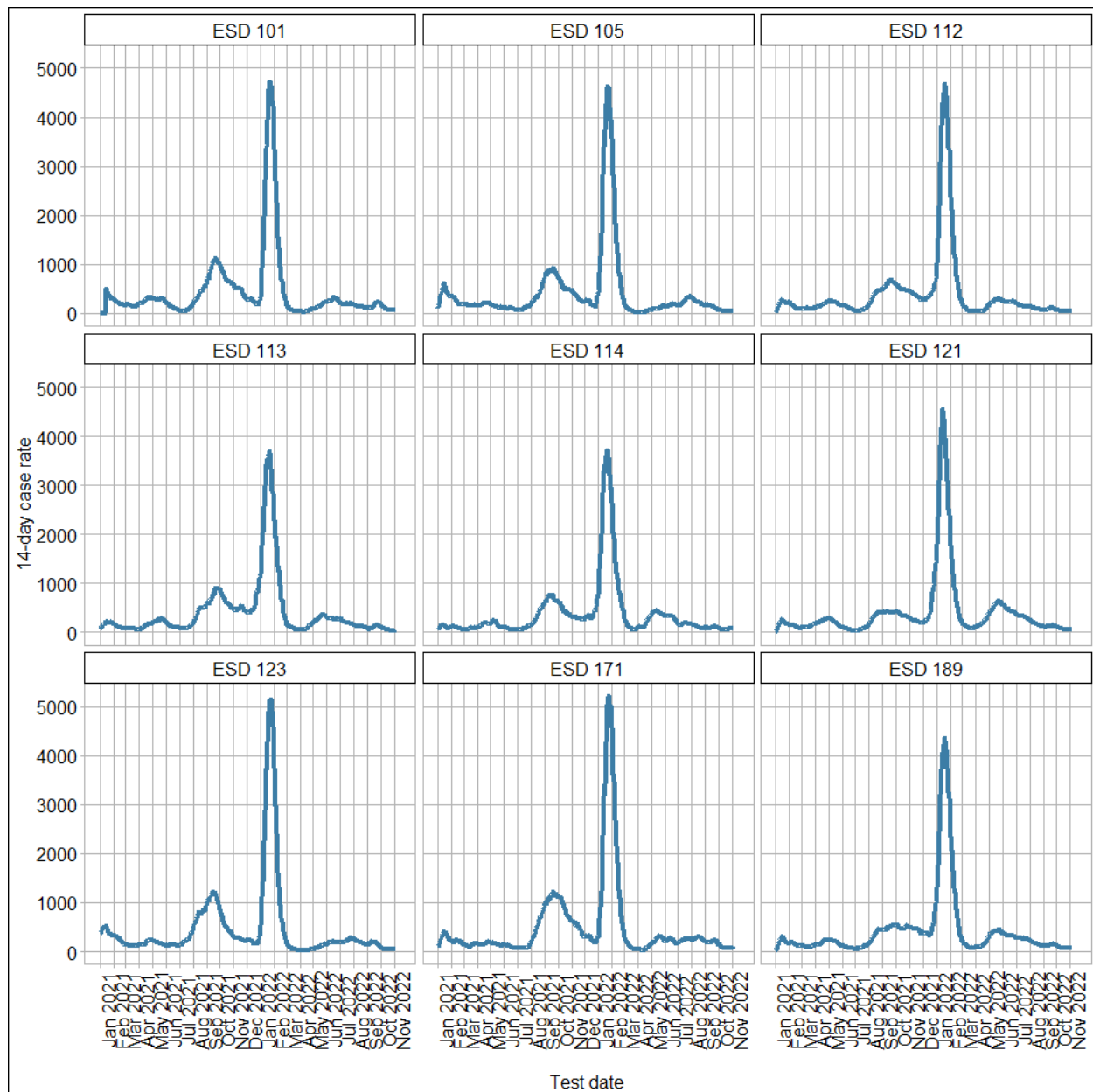
**COVID-19 case rate per 100,000 population in all children and youth by ESD region, October 22, 2022 to November 05, 2022**



**14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to Nov 05, 2022**



**14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state by ESD region, January 1, 2021 to Nov 05, 2022**



**Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region and age group, October 22, 2022 - November 05, 2022**

	0-3 year-olds (preschool)		4-10 year-olds (elementary school)		11-13 year-olds (middle school)		14-19 year-olds (high school)	
ESD	Case count	Case rate	Case count	Case rate	Case count	Case rate	Case count	Case rate
ESD 101	29	98.5	30	54.0	9	36.5	36	61.1
ESD 105	10	50.9	8	21.3	6	36.4	17	53.8
ESD 112	22	75.5	22	38.1	15	56.4	17	35.0
ESD 113	26	118.8	16	38.1	7	36.5	15	41.1
ESD 114	21	129.9	21	74.2	10	82.7	17	75.8
ESD 121	140	91.4	137	49.7	76	65.1	122	54.4
ESD 123	11	48.5	13	30.1	12	63.0	26	72.9
ESD 171	11	87.1	13	52.7	8	72.3	9	46.1
ESD 189	96	171.1	59	56.8	28	61.3	49	56.2
<b>State total</b>	<b>366</b>	<b>101.4</b>	<b>319</b>	<b>47.7</b>	<b>171</b>	<b>58.7</b>	<b>308</b>	<b>54.5</b>



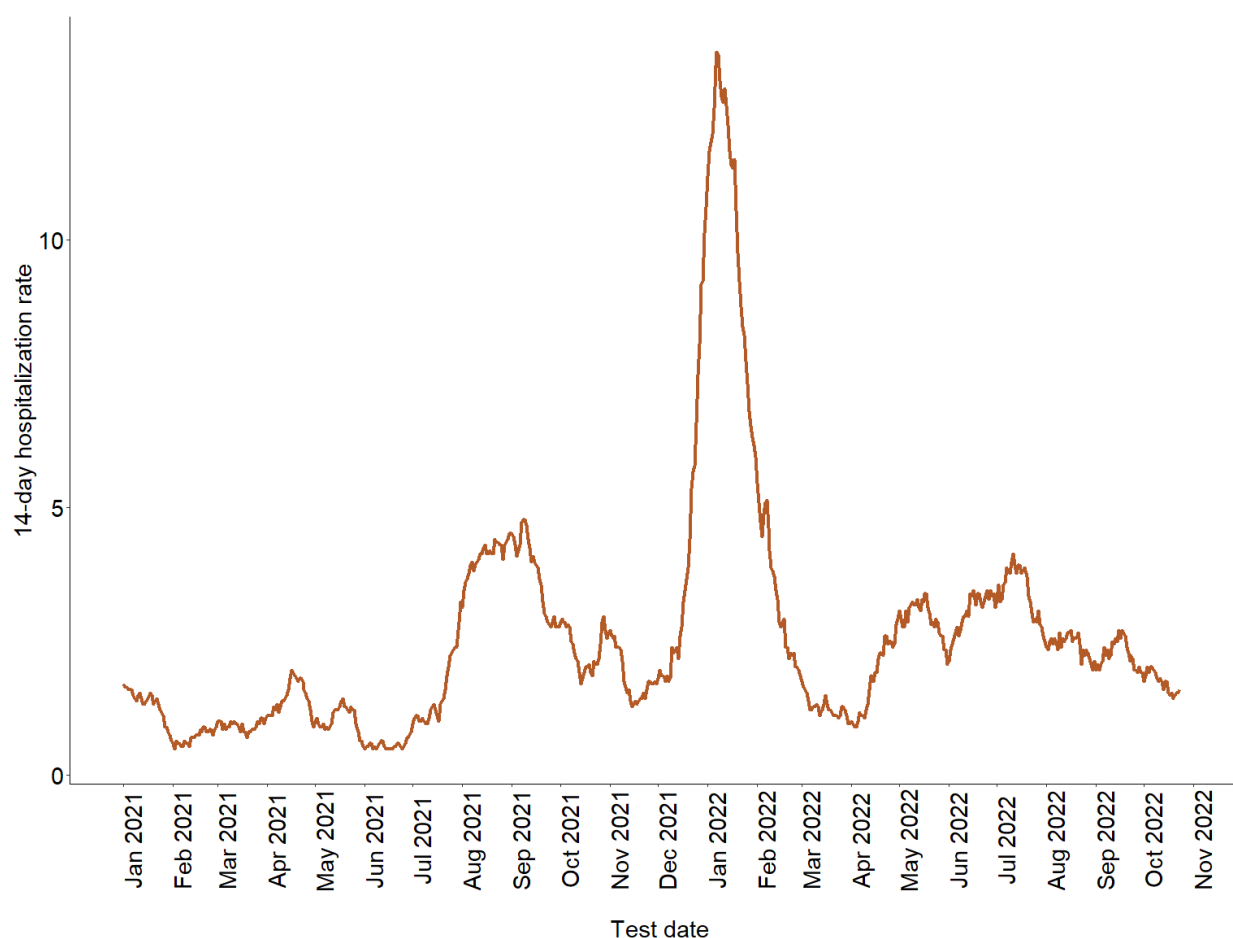
**COVID-19 case rate per 100,000 population in all children and youth by ESD region and age group, October 22, 2022 - November 05, 2022**



**COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington, October 22, 2022 - November 05, 2022**

Population	Hospitalization count	Hospitalization rate
1,885,561	30	1.6

**14-day COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to Nov 05, 2022**



## Methods

### Definitions

Case data in this report come from the Washington State Disease Reporting System (WDRS). A 'case' is defined as an individual between the ages of 0 and 19 years who tested positive for COVID-19 during a 14-day period by either molecular test (such as PCR) or antigen tests. Most antigen tests are rapid tests and provide results in approximately 15 minutes to 1 hour.

The report includes the most recent complete 14 days of data, October 22, 2022 - November 05, 2022.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn. This includes:

- students who attend a public or private school in the ESD region
- homeschooled youth
- youth who reside in a juvenile correctional facility
- all other children and youth

**Please note that case rates and counts do not represent cases that occurred among students enrolled in a particular ESD or district. They represent all children and youth within the region served by an ESD or district.**

An accurate home address was missing for approximately 0% of cases in children and youth with a test date between October 22, 2022 - November 05, 2022. These cases are not included in this report.

A COVID-19 hospitalization is a Washington resident who has been identified using case investigation data in WDRS or links with Rapid Health Information Network (RHINO) records as hospitalized with confirmed or probable COVID-19. Due to small numbers, to protect privacy hospitalization data are only reported at the state level.

Deaths are reported to the state by health care providers, medical examiners or coroners, local health departments, or others to the official vital records database, WHALES. COVID-19 deaths included in this report are identified in WHALES where the cause of death was confirmed or suspected to have been COVID-19. Due to small numbers, to protect privacy death data are only reported at the state level aggregated across time.

### 14-day rate calculation

Case rates are calculated as the total number of cases within the specified demographic (e.g. age group) and ESD region with a test date during the 14-day period divided by the Washington state population for the same region and demographic.

Hospitalization rates are calculated as the total number of hospitalizations in Washington state with a test date during the 14-day period divided by the Washington state population 0-19 years old.

All rates presented in this report use the Washington state population distribution based on the Office of Financial Management's (OFM) April 1, 2020 population estimates by age, sex, race, and Hispanic origin.